

REVISED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 April 2005 (21.04.2005)

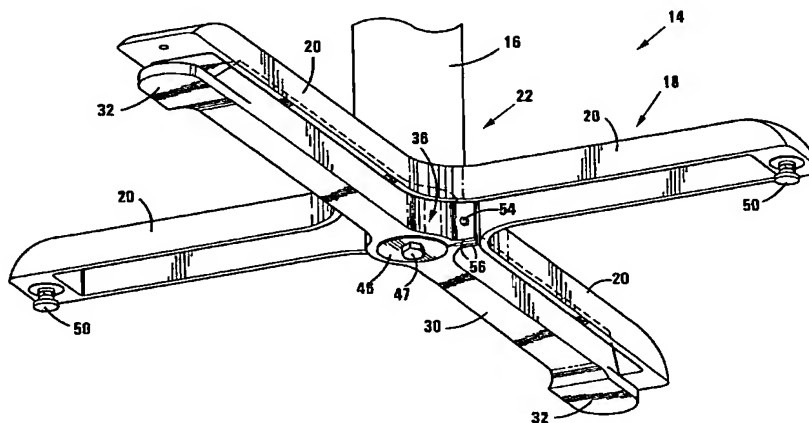
PCT

(10) International Publication Number
WO 2005/034680 A1

- (51) International Patent Classification⁷: **A47B 91/16**
- (21) International Application Number:
PCT/IB2004/003270
- (22) International Filing Date: 7 October 2004 (07.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2003/7931 10 October 2003 (10.10.2003) ZA
- (74) Agent: SCHWEIZER, Adrian, Victor, van Reenen; c/o Adams & Adams (Johannesburg), 3rd Floor, 23 Wellington Road, Parktown, 2193 Gauteng, Johannesburg (ZA).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (71) Applicant (for all designated States except UG, US): SHIRANOR INVESTMENTS LIMITED; c/o Nerine Trust Company Limited, Nerine Chambers, Main Street, Road Town, Tortola,, British Virgin Islands (**).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant and
(72) Inventor (for UG, US only): BROOKE, Rory [ZA/ZA]; Lot 141, Drummond, 3626 Kwazulu-Natal (ZA).

[Continued on next page]

(54) Title: A SELF-STABILIZING SUPPORT ASSEMBLY FOR AN ITEM FURNITURE



(57) Abstract: The invention relates to a self-stabilizing support assembly (14) for an item of furniture, such as a table, stool or chair. The assembly includes a support structure (16) for connection at an upper end thereof to an upper portion of an item of furniture. The support structure has a first pair of feet (50) at a lower end (22) thereof. An elongated guide pin (38) projects from a lower end of the support structure. A displaceable support member (30), which has a second pair of feet (32), is provided with a housing (36) defining a guide passage, in which guide passage the guide pin is longitudinally slidably received. The housing is constructed such that a cross-sectional area of the guide passage is adjustable, to permit dimensioning of the guide passage relative to the guide pin such that automatic frictional engagement of the guide pin with walls of the housing defining the guide passage occurs in response to pivoting of the displaceable support member about a pivot axis transverse to the housing, to anchor the displaceable support member frictionally against sliding displacement relative to the guide pin.

WO 2005/034680 A1



Published:

— *with international search report*

(15) Information about Correction:

see PCT Gazette No. 22/2005 of 2 June 2005, Section II

**(88) Date of publication of the revised international search
report:**

2 June 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.